Title (en)
TOKEN BUCKET FLOW-RATE LIMITER

Title (de)
DURCHSATZBEGRENZER VOM TYP TOKEN-BUCKET-ALGORITHMUS

Title (fr)
LIMITEUR DE DÉBIT DE TYPE SEAU À JETONS

Publication
EP 3174255 B1 20190814 (FR)

Application
EP 16197547 A 20161107

Priority
FR 1561348 A 20151125

Abstract (en)
[origin: US2017149908A1] A token bucket flow rate limiter is provided for a data transmission, comprising a token counter configured to be incremented at a rate determining the average flow rate of the transmission; a frequency divider connected to control incrementing of the token counter from a clock, the divider having an integer division factor; and a modulator configured to alternate the division factor between two different integers so as to make the resulting average flow rate tend to a programmed flow rate comprised between two boundary flow rates respectively corresponding to the two integers.

IPC 8 full level
H04L 47/21 (2022.01)

CPC (source: CN EP US)
H04L 41/0896 (2013.01 - US); **H04L 43/0894** (2013.01 - US); **H04L 47/215** (2013.01 - CN EP US); **H04L 67/146** (2013.01 - US)

Citation (examination)
JP 2007088994 A 20070405 - NIPPON TELEGRAPH & TELEPHONE, et al

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 3174255 A1 20170531; **EP 3174255 B1 20190814**; CN 106850456 A 20170613; CN 106850456 B 20220111; FR 3044188 A1 20170526; FR 3044188 B1 20171222; US 10250697 B2 20190402; US 2017149908 A1 20170525

DOCDB simple family (application)
EP 16197547 A 20161107; CN 201611059570 A 20161125; FR 1561348 A 20151125; US 201615356151 A 20161118